

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Shinji HAMAI : Mail Stop: PCT  
Serial No. NEW : Attorney Docket No. 2005\_1027A  
Filed June 30, 2005 :

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

COMMUNICATION APPARATUS, CERTIFICATE  
ISSUING APPARATUS, AND COMMUNICATION SYSTEM  
[Corresponding to PCT/JP2004/002928  
Filed March 5, 2004]

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_;  
and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

ATTACHMENT "C"



before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, or  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

JC14 Rec'd PCT/PTO 30 JUN 2005

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation (**reference AA**) contained in the specification of the present application at page 1,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Shinji HAMAI

By



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June 30, 2005

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: June 30, 2005

ATTY DOCKET NO.  
2005\_1027ASERIAL NO.  
NEW

10/541215

APPLICANT  
Shinji HAMAIFILING DATE  
June 30, 2005

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/J.P./	AA	5,657,390	8/1997	Elgamal et al.			
/J.P./	AB	6,134,551	10/2000	Aucsmith			
/J.P./	AC	6,442,689	8/2002	Kocher			
/J.P./	AD	6,473,742	10/2002	Sager			
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
	AM						
	AN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Naor, M., et al., "Certificate Revocation and Certificate Update", Proceedings of the Usenix Security Symposium, XX, XX, January 20, 1998, pages 217-226, XP002236305.
AP	Housley, R., et al., "RFC 3280: Internet X.509 Public Key Infrastructure Certificate and CRL Profile (w/o Annexes)", IETF Request for Comments, "Online", January 1, 1999, pages 1-91, XP002279343.
AQ	Sun Microsystems: "Netscape Certificate Management System Installation and Deployment Guide: Introduction to Certificate", Internet Citation, "Online", 2000, pages 1-34, XP002271074.

EXAMINER

/Jeffrey Popham/

DATE CONSIDERED

05/09/2008